

LAMINATION-TYPE PIEZOELECTRIC ELEMENT AND
MANUFACTURING METHOD THEREOF

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ABSTRACT OF THE DISCLOSURE

10 A lamination-type piezoelectric element (1)
comprises: a ceramic laminated body (10) in which ceramic
layers and inner electrode layers (12) are alternately
laminated on each other; and a pair of outer electrodes
(18) respectively joined to a pair of joining faces (15)
15 formed on an outer circumferential face of the ceramic
laminated body (10). A belt-shaped outer circumferential
groove portion (120) coming into contact with an outer
circumferential end portion (127) of at least some part
of the inner electrode layers (12) is formed on the outer
circumferential face of the ceramic laminated body (10).
20 This outer circumferential groove portion (120) has at
least one dent portion (121) protruding from the
adjoining portion. The outer circumferential groove
portion (120) has at least one of an insulating portion
(181) made of insulating material and a conductive
25 portion (183) made of conductive material.